Please amend paragraph 0017 on page 3 as follows:

A plurality of tumbling ribs (not shown) are provided within drum 26 to lift clothing articles therein and then allow them to tumble back to a bottom (not shown) of drum 26 as drum 26 rotates. Drum 26 includes a rear wall 34 rotatably supported within main housing 12 by a suitable fixed bearing. Rear wall 34 includes a plurality of holes 36 that receive hot air that has been heated by an electrical heater 40 in communication with an air supply duct 38. The heated air is drawn from drum 26 by a blower fan 48. The air passes through a screen filter 46 which traps lint particles. As the air passes through the screen filter 46, it enters a trap duct seal and is passed out of clothes dryer 10 through an exhaust duct 50. After the clothing articles have been dried, they are removed from the drum 26 via opening 32.

Please amend paragraph 00022 on page 4 as follows:

Figure 4 illustrates a waveform of an AC sine wave controlled by heater control system 90 to limit the current through heater 40 of electric clothes dryer 10 to maintain an air temperature below a predetermined maximum allowable temperature. Controller 92 operation is based on an input signal from at least one of temperature sensors 64 and 68, humidity sensor 96, and clothing moisture sensor 98. The signals from these sensors 64, 68, 96 and 98 are used by the controller 92 to determine the timing and duration for stopping and reproviding the AC sine wave to the heater 40.

Please amend paragraph 00023, which begins on page 4 and ends on page 5, as follows:

In use, controller 92 monitors temperature sensors 64 and 68, and varies the AC sine wave to heater 40 to maintain a predetermined temperature slightly below a maximum allowable temperature for the clothing being dried. Controller 92 monitors humidity sensor 96 and varies the AC sine wave to heater 40 to maintain a predetermined temperature to humidity relationship, wherein the outlet duct 50 air humidity is indicative of clothing dryness. Controller 92 monitors clothing moisture sensor 98 and varies the AC sine wave to heater 40 to maintain a predetermined temperature to moisture relationship, wherein the sensed moisture is indicative of clothing dryness. Controller 92 is configured to gradually reduce the voltage to heater 40 rather than turning heater 40 completely off. Controller 92 provides an AC sine wave to at least one heater 40 of clothes dryer 10, stops the providing at